

Junli Hu

List of Publications by Year in descending order

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27
papers

910
citations

516710

16
h-index

526287

27
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all docs

27
docs citations

27
times ranked

1324
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradable Natural Pectin-Based Flexible Multilevel Resistive Switching Memory for Transient Electronics. <i>Small</i> , 2019, 15, e1803970.	10.0	109
2	Effects of pectin structure and crosslinking method on the properties of crosslinked pectin nanofibers. <i>Carbohydrate Polymers</i> , 2017, 157, 766-774.	10.2	83
3	Poly lactide nanofibers delivering doxycycline for chronic wound treatment. <i>Materials Science and Engineering C</i> , 2019, 104, 109745.	7.3	75
4	Chitosan-based nanoparticles as a sustained protein release carrier for tissue engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 939-947.	4.0	68
5	Pectinate nanofiber mat with high absorbency and antibacterial activity: A potential superior wound dressing to alginate and chitosan nanofiber mats. <i>Carbohydrate Polymers</i> , 2017, 174, 591-600.	10.2	59
6	Cross-Linked Pectin Nanofibers with Enhanced Cell Adhesion. <i>Biomacromolecules</i> , 2018, 19, 490-498.	5.4	58
7	Fabrication and Characterization of Pectin Hydrogel Nanofiber Scaffolds for Differentiation of Mesenchymal Stem Cells into Vascular Cells. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 6511-6519.	5.2	51
8	AgNPs-incorporated nanofiber mats: Relationship between AgNPs size/content, silver release, cytotoxicity, and antibacterial activity. <i>Materials Science and Engineering C</i> , 2021, 118, 111331.	7.3	48
9	Reducing the content of carrier polymer in pectin nanofibers by electrospinning at low loading followed with selective washing. <i>Materials Science and Engineering C</i> , 2016, 59, 885-893.	7.3	47
10	Ultraflexible, Degradable Organic Synaptic Transistors Based on Natural Polysaccharides for Neuromorphic Applications. <i>Advanced Functional Materials</i> , 2020, 30, 2006271.	14.9	45
11	Hyaluronic acid nanofiber mats loaded with antimicrobial peptide towards wound dressing applications. <i>Materials Science and Engineering C</i> , 2021, 128, 112319.	7.3	35
12	Crosslinked pectin nanofibers with well-dispersed Ag nanoparticles: Preparation and characterization. <i>Carbohydrate Polymers</i> , 2018, 199, 68-74.	10.2	33
13	A crosslinking strategy to make neutral polysaccharide nanofibers robust and biocompatible: With konjac glucomannan as an example. <i>Carbohydrate Polymers</i> , 2019, 215, 130-136.	10.2	31
14	Gelatin-crosslinked pectin nanofiber mats allowing cell infiltration. <i>Materials Science and Engineering C</i> , 2020, 112, 110941.	7.3	23
15	Edge-functionalized graphene quantum dots as a thickness-insensitive cathode interlayer for polymer solar cells. <i>Nano Research</i> , 2018, 11, 4293-4301.	10.4	22
16	Crosslinked starch nanofibers with high mechanical strength and excellent water resistance for biomedical applications. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 025007.	3.3	17
17	An antimicrobial peptide-immobilized nanofiber mat with superior performances than the commercial silver-containing dressing. <i>Materials Science and Engineering C</i> , 2021, 119, 111608.	7.3	15
18	Hyaluronic acid nanofibers crosslinked with a nontoxic reagent. <i>Carbohydrate Polymers</i> , 2021, 259, 117757.	10.2	15

#	ARTICLE	IF	CITATIONS
19	Rationally designed particle preloading method to improve protein delivery performance of electrospun polyester nanofibers. <i>International Journal of Pharmaceutics</i> , 2016, 512, 204-212.	5.2	14
20	Amino <i>N</i> -oxide functionalized graphene quantum dots as a cathode interlayer for inverted polymer solar cells. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5684-5689.	5.5	11
21	Designed Polymer Donors to Match an Amorphous Polymer Acceptor in All-Polymer Solar Cells. <i>ACS Applied Electronic Materials</i> , 2020, 2, 2274-2281.	4.3	11
22	Cesium-functionalized pectin as a cathode interlayer for polymer solar cells. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1592-1596.	5.5	10
23	Self-Standing and Flexible Thermoelectric Nanofiber Mat of an n-Type Conjugated Polymer. <i>ACS Applied Electronic Materials</i> , 2021, 3, 3641-3647.	4.3	10
24	Cellulose nanofibers electrospun from aqueous conditions. <i>Cellulose</i> , 2020, 27, 8695-8708.	4.9	6
25	Crosslinked carboxymethyl starch nanofiber mats: Preparation, water resistance and exudates control ability. <i>European Polymer Journal</i> , 2021, 154, 110568.	5.4	5
26	Effects of preparation parameters on the properties of the crosslinked pectin nanofiber mats. <i>Carbohydrate Polymers</i> , 2021, 269, 118314.	10.2	5
27	Transient Electronics: Biodegradable Natural Pectin-Based Flexible Multilevel Resistive Switching Memory for Transient Electronics (<i>Small</i> 4/2019). <i>Small</i> , 2019, 15, 1970025.	10.0	4